Appln. No.: 10/590,473

Amendment Dated December 2, 2008 Reply to Office Action of September 18, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An electronic component mounting method for mounting the electronic component on a substrate by soldering a connection terminal <u>disposed at both ends of a main body</u> of the electronic component to an electrode to a <u>pair of electrodes</u> provided on the substrate, comprising an adhesive supplying step of supplying a thermosetting adhesive mixing solder particles to the substrate, a component mounting step of mounting the electronic component on the substrate after the adhesive supplying step, and a heating step of heating the substrate after the component mounting step.

wherein the adhesive supplying step is characterized by supplying the adhesive to the electrode, and also supplying the adhesive to an adhesion reinforcing portion determined outside of between the electrode-pair of electrodes on the substrate,

the component mounting step is characterized by fitting the connection terminal to the adhesive supplied on the electrode, and also fitting the electronic componentmain body to the adhesive supplied in the adhesion reinforcing portion, and

the heating step is characterized by forming a solder junction by bonding the connection terminal and electrode by fusing the solder particles in the adhesive supplied to the electrode, and also forming an adhesion reinforced part for fixing the electronic-componentmain body to the substrate by heating and curing the adhesive by sealing the inside of the adhesive with solder part by fusing and solidifying of solder particles contained in the adhesive supplied in the adhesion reinforcing portion.

 (Original) The electronic component mounting method of claim 1, wherein the adhesion reinforcing portion is formed on the surface of the substrate, and partly overlaps with the plural electrodes, and the portion other than the electrodes is set on a concave resist film, and the solder part is held in the concave portion. Appln. No.: 10/590,473

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3. (Currently Amended) The electronic component mounting method of claim 1, wherein the adhesion reinforcing portion is a position for cevering-the-covering a reinforcing electrode provided in other portion than between the pair of electrodes on the substrate, and the adhesion reinforced part is formed as the solder particles in the adhesive supplied in the reinforcing electrode are fused to cover the solder part bonded on the reinforcing electrode, and the adhesive is thermally cured to bond the electronic-componentmain body to the substrate.

4. (Currently Amended) An electronic component mounting structure for mounting an electronic component having a connection terminal <u>disposed at both ends of a main body</u> on a substrate with an electrodea <u>pair of electrodes</u> by a thermosetting adhesive mixing solder particles, comprising:

a soldering unit of bonding the <u>electrode-pair of electrodes</u> and the connection terminal formed by fusing and solidifying of the solder particles in the adhesive supplied in the <u>electrodepair of electrodes</u>, and

an adhesion reinforcing unit for fixing the <u>electronic componentmain body</u> to the substrate by heating and curing of adhesive, by sealing the inside of adhesive with a solder part formed by fusing and solidifying of the solder particles in the adhesive, being formed in the adhesion reinforcing portion <u>separated-fromdetermined between</u> the <u>electrode-portionpair of</u> electrodes on the substrate.

- 5. (Currently Amended) The electronic component mounting structure of claim 4, wherein the adhesion reinforcing portion is formed on the surface of the substrate, and partly overlaps with the <u>plural-pair of electrodes</u>, and the portion separated fromdetermined between the <u>pair of electrodes</u> is set on a concave resist film, and the solder part is held in the concave portion.
- 6. (Currently Amended) The electronic component mounting structure of claim 4, wherein the adhesion reinforcing portion is a position for eevering the covering a reinforcing electrode provided in a portion separated from between the pair of electrodes on the substrate, and the adhesion reinforced part is formed as the solder particles in the adhesive supplied in the reinforcing electrode are fused to cover the solder part bonded on the reinforcing electrode, and the adhesive is thermally cured to bond the electronic componentmain body to the substrate.

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7. (New) An electronic component mounting method for mounting the electronic component on a substrate by respectively soldering at least two connection terminals of the electronic component to at least two electrodes provided on the substrate, comprising:

forming the at least two electrodes on the substrate, the at least two electrodes having a space therebetween;

applying a continuous layer of resist film which covers at least a portion of each electrode adjacent to the space formed between the at least two electrodes and covers the space between the at least two electrodes so that the continuous layer of resist film extends between the at least two electrodes for forming a concave resist film layer:

an adhesive supplying step of supplying a thermosetting adhesive mixing solder particles to the at least a portion of each of the at least two electrodes and to at least a portion of the concave resist film layer;

a component mounting step of mounting the electronic component on the substrate after the adhesive supplying step; and

a heating step of heating the substrate after the component mounting step, wherein:

the component mounting step comprises fitting the connection terminal to the adhesive supplied on the electrode, and also fitting the electronic component to the adhesive supplied to the concave resist film layer, and

the heating step comprises forming a solder junction by respectively bonding the at least two connection terminals and the at least two electrodes by fusing the solder particles in the adhesive supplied to the at least two electrodes, and also forming an adhesion reinforced part for fixing the electronic component to the substrate by heating and curing the adhesive by sealing the inside of the adhesive with solder part by fusing and solidifying of solder particles contained in the adhesive supplied to the concave resist film layer.

8. (New) The electronic component mounting method of claim 7, wherein the adhesion reinforced part is formed as the solder particles in the adhesive supplied to the concave resist layer are fused to cover the solder part bonded on the concave resist layer, and the adhesive is thermally cured to bond the electronic component to the substrate.